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Tender

## **IT Services: Supply and Installation of a High Performance Computer Facility**

University of St Andrews

F02: Contract notice

Notice identifier: 2023/S 000-035304

Procurement identifier (OCID): ocds-h6vhtk-041de6

Published 30 November 2023, 9:56am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

University of St Andrews

Walter Bower House, Eden Campus

Guardbridge

KY16 0US

#### **Contact**

Adrian Wood

#### **Email**

[procurement@st-andrews.ac.uk](mailto:procurement@st-andrews.ac.uk)

#### **Telephone**

+44 1334462523

## **Country**

United Kingdom

## **NUTS code**

UKM72 - Clackmannanshire and Fife

## **Internet address(es)**

Main address

<http://www.st-andrews.ac.uk/procurement/>

Buyer's address

[https://www.publiccontractsscotland.gov.uk/search/Search\\_AuthProfile.aspx?ID=AA00111](https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00111)

## **I.3) Communication**

Access to the procurement documents is restricted. Further information can be obtained at

<https://in-tendhost.co.uk/universityofstandrews>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://in-tendhost.co.uk/universityofstandrews>

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://in-tendhost.co.uk/universityofstandrews>

## **I.4) Type of the contracting authority**

Body governed by public law

## **I.5) Main activity**

Education

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

IT Services: Supply and Installation of a High Performance Computer Facility

Reference number

ITS/291123/DD/SL

#### **II.1.2) Main CPV code**

- 30211100 - Super computer

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

Supply and Installation of a High Performance Computer Facility at the University of St Andrews.

#### **II.1.5) Estimated total value**

Value excluding VAT: £2,900,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

UK-St Andrews

## **II.2.4) Description of the procurement**

The University is seeking to provide a high performance compute (HPC) facility to support research and teaching. This will be vital resource for existing high-profile staff in many areas of current research and its importance is expected to grow in an era of expanding digital research and increasingly larger datasets, including computationally intensive approaches such as machine learning and generative artificial intelligence.

The proposed solution should provide at least 15,000 x64 compatible compute cores at 2GB RAM per core, excluding log-in nodes and peripheral devices. An alternative configuration providing the same or better level of performance would be acceptable.

The proposed solution should provide high-memory nodes containing at least one 4TB RAM and two 2TB RAM. An alternative configuration providing the same or better level of performance would be acceptable.

The proposed solution should provide a number of GPU Nodes whose combined cost equates to 20% of the combined cost of requirements above.

### **Data Storage**

The University requires the following storage tiers as a minimum:

1TB of scratch storage per node

100TB of fast scratch storage to service parallel tasks

2PB of fast shared scratch storage

1PB of archive storage

### **Networking**

The proposal must include a low-latency 100Gb network fabric connecting all nodes.

### **Extensibility**

The proposed solution must provide a seamless means to extend to make use of public and private cloud resources.

### **Scalability**

The proposed solution must be able to scale for each use case (fast throughput parallel processing, single-node high core-count and high memory processing, and GPU workloads).

#### Additional Support

The responses should include an optional proposal for the provision of user support services.

Please see ITT documents for full details.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £2,900,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

60

This contract is subject to renewal

Yes

Description of renewals

Se ITT documents.

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2.14) Additional information**

All tenders for the University of St Andrews are administered through our eTendering System (InTend). To Express an Interest please go to our tender website at <https://intendhost.co.uk/universityofstandrews>

Please note that 'Notes of Interest' placed via PCS (Public Contracts Scotland) are not automatically accepted

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

### **III.2) Conditions related to the contract**

#### **III.2.3) Information about staff responsible for the performance of the contract**

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

#### **IV.2) Administrative information**

##### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

12 January 2024

Local time

12:00pm

##### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

##### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

##### **IV.2.7) Conditions for opening of tenders**

Date

12 January 2024

Local time

12:00pm

Place

Procurement - University of St Andrews

Information about authorised persons and opening procedure

Appointed Procurement Staff.

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **VI.3) Additional information**

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NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at [https://www.publiccontractsscotland.gov.uk/Search/Search\\_Switch.aspx?ID=751860](https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=751860).

(SC Ref:751860)

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Dundee Sheriff Court

6 West Bell Street

Dundee

DD1 9AD



Telephone

+44 1382229961

Country

United Kingdom

### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

The University of St Andrews will incorporate a minimum of 10 calendar day standstill period at the point of information on the award of the contract being communicated to tenderers. This period allows unsuccessful tenderers to seek further debriefing from the contracting authority before the contract is entered into. Applicants have 2 working days from the notification of the award decision to request additional debriefing and that information has to be provided a minimum of 3 working days before the expiry of the standstill period. Such additional information should be requested from The University of St Andrews.

If an appeal regarding the award of contract has not been successfully resolved The Public Contracts (Scotland) Regulations 2012 provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rule to take action in the Sheriff Court or Court of Session.

The anticipated review body in such cases would be:

Dundee Sheriff Court

6 West Bell Street

Dundee

DD1 9AD

Telephone: +44 1382 229 961

Anyone bringing court proceedings against the University of St Andrews must inform the University of St Andrews in advance of the alleged breach and its intention to bring proceedings. Any such action must be brought within 15 days of the date on which a decision is sent to them or published to challenge that decision.

Proceedings seeking an ineffectiveness order must be brought within 30 days of the publication of the contract award notice in the OJEU, or 30 days from the date of a decision

letter to all tenderers concerned, and any candidates concerned, containing a summary of the reason for the recipient being unsuccessful, otherwise 6 months from the date of entering into the contract or concluding the framework agreement.

Where a contract has not been entered into the Court may, by interim order, suspend the procurement procedure. The court may also set aside a decision or actions taken by the University or order it to amend and document; and/or award damages. However, by express requirement the court may decide not to grant an interim order when the negative consequences of such an order are likely to outweigh the benefits, having regard to a number of considerations.

If the contract has been entered into the Court may, depending on the nature of the breach: make an ineffectiveness order; impose a financial penalty; shorten the duration of the contract; make any other order considered appropriate to address the consequences of ineffectiveness or shortening the duration of the contract; award damages.